

ABSTRACT OF DISCLOSURE

5 An electrolyte for a lithium secondary battery comprises a non-aqueous organic solvent including 20 to 95 vol% of an ester-based or ether-based organic solvent based on the total amount of organic solvent; lithium salts; and an additive compound having at least two carbonate groups. A lithium secondary battery including this electrolyte has good swelling inhibition properties as well as electrochemical properties such as capacity and cycle life.

AAM PAS534999.1--11/5/03 10:29 AM